

## Attachment A: Pre-CERCLA Screening Checklist/Decision Form

This form is used in conjunction with a site map and any additional information required by the EPA Region to document completion of a Pre-CERCLA Screening (PCS). The form includes a decision on whether a site should be added to the Superfund program's active site inventory for further investigation. Select from available dropdown values for fields marked with an asterisk \*.

Region: 5 State/Territory: MI Tribe: \_\_\_\_\_ MIN000507243  
 Click here for the [EPA Tribe Entity Mapping spreadsheet](#). EPA ID No. (If Available)

Site Name: Electro Plating Services  
 Other Site Name(s): Electro-Plate Service, Inc.  
Electro-Plating Services; Electroplating Services Inc  
 Site Location: 945 East 10 Mile Road  
 (Street)  
9 Madison Heights Oakland MI 48071 +  
 Congressional District (City) (County) (State / Terr) (Zip+4)  
 District

If no street address is available: \_\_\_\_\_  
 (Township-Range) (Section)

Checklist Preparer:  
John E. Spielberg/ Environmental Quality Analyst 12/18/2017  
 (Name / Title) (Date)  
Michigan Department of Environmental Quality (517) 284-5155  
 (Organization) (Phone)  
525 West Allegan Street spielbergj@michigan.gov  
 (Street) (Email)  
Lansing Ingham MI 48933 + 7926  
 (City) (County) (State / Terr) (Zip+4)

Site Contact Info/Mailing Address: 525 West Allegan Street, MDEQ-RRD-Superfund, 5th Floor South  
Lansing, MI 4899-7926

CERCLA 105d Petition for Preliminary Assessment? No If Yes, Petition Date (mm/dd/yyyy): \_\_\_\_\_  
 RCRA Subtitle C Site Status: Is site in RCRAInfo? No If Yes, RCRAInfo Handler ID #: \_\_\_\_\_  
 Ownership Type\*: Private Additional RCRAInfo ID #(s): \_\_\_\_\_  
 Site Type\*: Manufacturing/Processing/Maintenance State ID #(s): 63000888  
 Site Sub-Type\*: Metal fabrication/finishing/coating & allied industries Other ID #(s): \_\_\_\_\_  
 Federal Facility? No Federal Facility Owner\*: (Make selection)  
 Formerly Used Defense Site (FUDS)? No Federal Facility Operator\*: (Make selection)  
 Federal Facility Docket? No If Yes, FF Docket Listing Date (mm/dd/yyyy): \_\_\_\_\_  
 Federal Facility Docket Reporting Mechanism\*: (Make selection)  
 Native American Interest? Undetermined If Yes, list Tribe: \_\_\_\_\_  
 Additional Tribe (s): \_\_\_\_\_

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### Site Description

Use this section to briefly describe site background and conditions if known or (easily) available, such as: operational history; physical setting and land use; site surface description, soils, geology and hydrogeology; source and waste characteristics; hazardous substances/contaminants of concern; historical releases, previous investigations and cleanup activities; previous regulatory actions, including permitting and enforcement actions; institutional controls; and community interest.

*Insert text here:*

The site operated as a former plating shop from 1967 to 2016. Plating operations used copper, tin, bronze, cadmium, nickel, chromium, gold, silver, zinc, and lead. MDEQ and local fire officials inspected the site in November 2016. They found a variety of hazardous substances and waste in over 5000 containers, many leaking or corroded. Wastes included cyanide and hydrochloric acid, which can create highly toxic clouds of hydrogen cyanide. Other wastes included chromium and trichloroethylene. A pit in the basement area of the main plant building was used to dispose of some wastes. The U.S. EPA is nearing completion of its emergency removal. The current owner is still interested in using the property for plating operations. The site is located in a heavily populated area of southeast Oakland County, along the I-696 corridor less than a half mile east of the I-696/I-75 interchange. The closest residences are about 300 feet south of the site, in a densely populated residential area. +

### Geospatial Information

Latitude: + 42.476767

Decimal Degree North (e.g., +38.859156)

Longitude: - 83.096361

Decimal Degree West (e.g., -77.036783)

Provide 4 significant digits at a minimum, more if your collection method generates them.

Except for certain territories in the Pacific Ocean, all sites in U.S. states and territories are located within the northern and western hemispheres and will have a positive latitude sign and negative longitude sign. The coordinate signs should be changed as necessary for sites in the southern and/or eastern hemispheres.

**Point Description:** Select the option below that best represents the site point for future reference and to distinguish it from any nearby sites.

- ☐ Geocoded (address-matched) Site Address
- ☐ Site Entrance (approximate center of curb-cut)
- ☐ Approximate Center of Site
- ☒ Other Distinguishing Site Feature (briefly describe below):

In front of building along Heights Drive

**Point Collection Method:** Check the method used to collect the coordinates above and enter the date of collection.

- ☒ Online Map Interpolation
- ☐ GPS (handheld, smartphone, other device or technology with accuracy range < 25 meters)
- ☐ GPS Other (accuracy range is ≥ 25 meters or unspecified)
- ☐ Address Matching: Urban
- ☐ Address Matching: Rural
- ☐ Other Method: \_\_\_\_\_

Collection Date (mm/dd/yyyy): 12/12/2017

#### POINT-SELECTION CONSIDERATIONS

- Often the best point is a feature associated with the environmental release or that identifies the site visually.
- Use the curb cut of the entrance to the site if there is a clear primary entrance and it is a good identifier for the overall location.
- The approximate center of the site (a guess at the centroid) is useful for large-area sites or where there are no appropriate distinguishing features.
- Use the geocoded address if that is the only or best option available, but if possible use something more representative for sites larger than 50 acres.

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Complete this checklist to help determine if a site should be added to the Superfund Active site inventory. See Section 3.6 of the PCS guidance for additional information.

	YES	NO	Unknown
1. An initial search for the site in EPA's Superfund active, archive and non-site inventories should be performed prior to starting a PCS. Is this a new site that does not already exist in these site inventories?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Is there evidence of an actual release or a potential to release?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Are there possible targets that could be impacted by a release of contamination at the site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Is there documentation indicating that a target has been exposed to a hazardous substance released from the site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Is the release of a naturally occurring substance in its unaltered form, or is it altered solely through naturally occurring processes or phenomena, from a location where it is naturally found?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Is the release from products which are part of the structure of, and result in exposure within, residential buildings or business or community structures?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. If there has been a release into a public or private drinking water supply, is it due to deterioration of the system through ordinary use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Are the hazardous substances possibly released at the site, or is the release itself, excluded from being addressed under CERCLA?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Is the site being addressed under RCRA corrective action or by the Nuclear Regulatory Commission?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Is another federal, state, tribe or local government environmental cleanup program other than site assessment actively involved with the site (e.g., state voluntary cleanup program)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Is there sufficient documentation or evidence that demonstrates there is no likelihood of a significant release that could cause adverse environmental or human health impacts?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Are there other site-specific situations or factors that warrant further CERCLA remedial/integrated assessment or response?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



## Attachment A: Pre-CERCLA Screening Checklist/Decision Form

**Preparer's Recommendation:** ☒ Add site to the Superfund active site inventory.

☐ Do not add site to the Superfund active site inventory.

Please explain recommendation below:

### PCS Summary and Decision Rationale

Use this section to summarize PCS findings and support the decision to add or not add the site to the Superfund active site inventory for further investigation. Information does not need to be specific but, where known, can include key factors such as source and waste characteristics (e.g., drums, contaminated soil); evidence of release or potential release; threatened targets (e.g., drinking water wells); key sampling results (if available); CERCLA eligibility; involvement of other cleanup programs; and other supporting factors.

*Insert text here:*

A PA is recommended to better determine whether any human health or environmental risks remain such as: subsurface intrusion from VOCs in soil gas or shallow groundwater (TCE, waste xylenes), or exposure to nearby residents or workers from contaminated soils or wastes. High chromium +6 levels have been found in soil, solid waste, and liquid waste. A pit in the basement was previously used for waste disposal, and the extent of soil or shallow groundwater contamination is not known. The company has avoided corrective actions for many years, is still privately owned, and the owner has requested to continue using the property for plating operations.

**Site Assessor:** John E. Spielberg

*John E. Spielberg*  
Print Name/Signature

12/18/2017

Date

### EPA Regional Review and Pre-CERCLA Screening Decision

**Add site to the Superfund active site inventory for completion of a:**

- ☒ Standard/full preliminary assessment (PA)
- ☐ Abbreviated preliminary assessment (APA)
- ☐ Combined preliminary assessment/site inspection (PA/SI)
- ☐ Integrated removal assessment and preliminary assessment
- ☐ Integrated removal assessment and combined PA/SI
- ☐ Other: \_\_\_\_\_

**Do not add site to the Superfund active site inventory. Site is:**

- ☐ Not a valid site or incident
- ☐ Being addressed by EPA's removal program
- ☐ Being addressed by a state cleanup program
- ☐ Being addressed by a tribal cleanup program
- ☐ Being addressed under the Resource Conservation and Recovery Act
- ☐ Being addressed by the Nuclear Regulatory Commission
- ☐ Other: \_\_\_\_\_

**EPA Regional**

**Reviewer:**

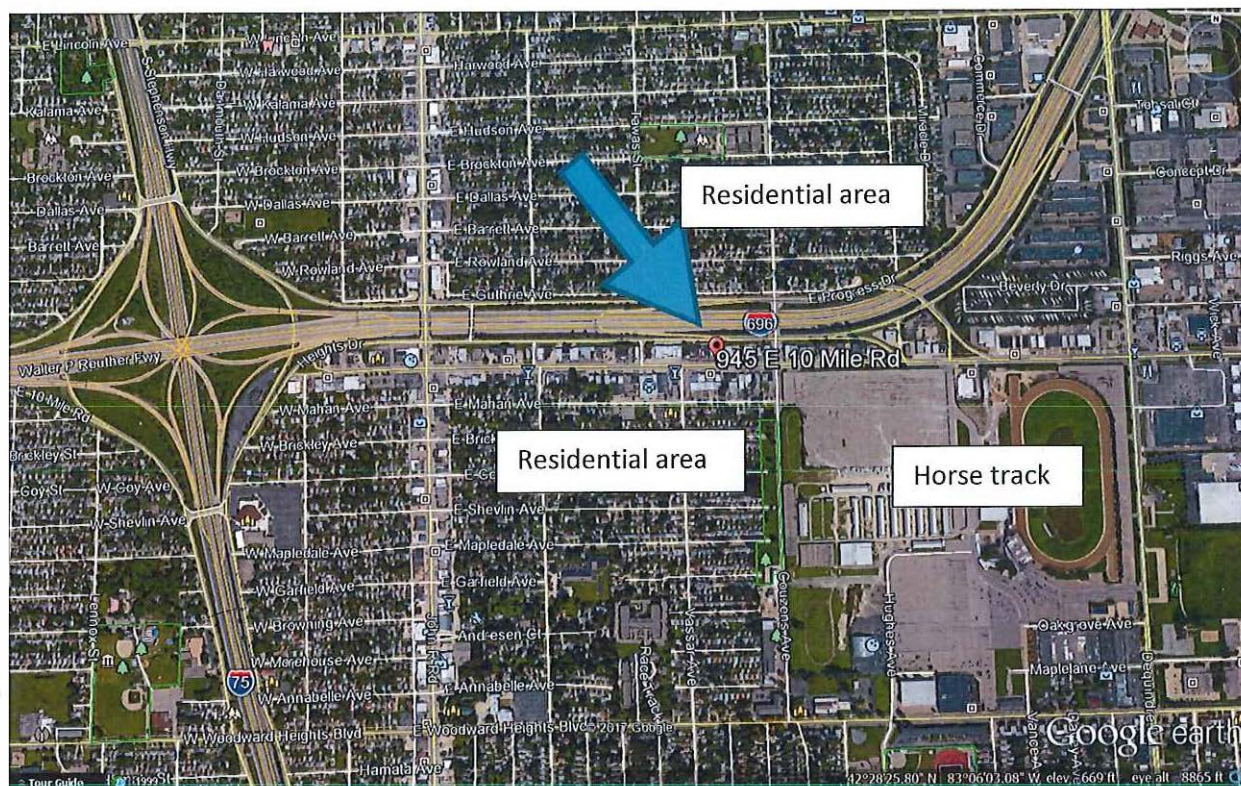
Chrystal Brantley

*Chrystal Brantley*  
Print Name/Signature

01/24/2018

Date

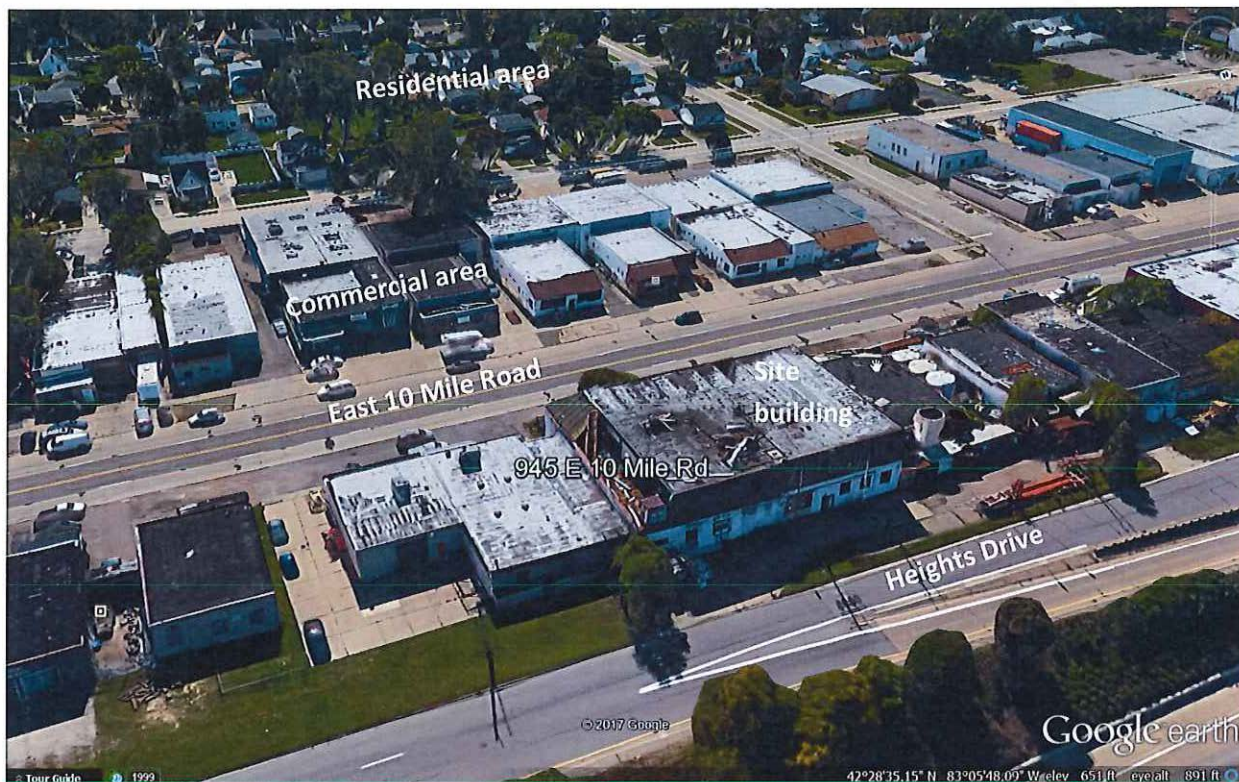
FIGURE 1  
SITE LOCATION  
Electro Plating Services  
Pre-CERCLA Screening



Source: Google Earth screen shot, 12/14/2017



FIGURE 2  
SITE FEATURES  
Electro Plating Services  
Pre-CERCLA Screening

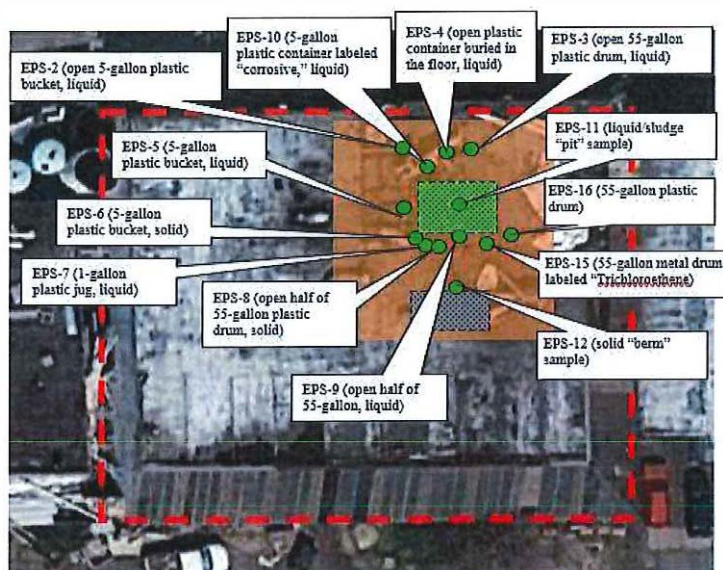


Source: Google Earth screen shot, 12/14/2017

Notes: Looking south-southwest, the Electro Plating Services site is the taller building in the foreground. I-696 can be seen in the lower right corner of the photo. A populated residential area can be seen at the top of the photo.



## ELECTRO-PLATING SERVICES



**Description:** map and location of samples collected

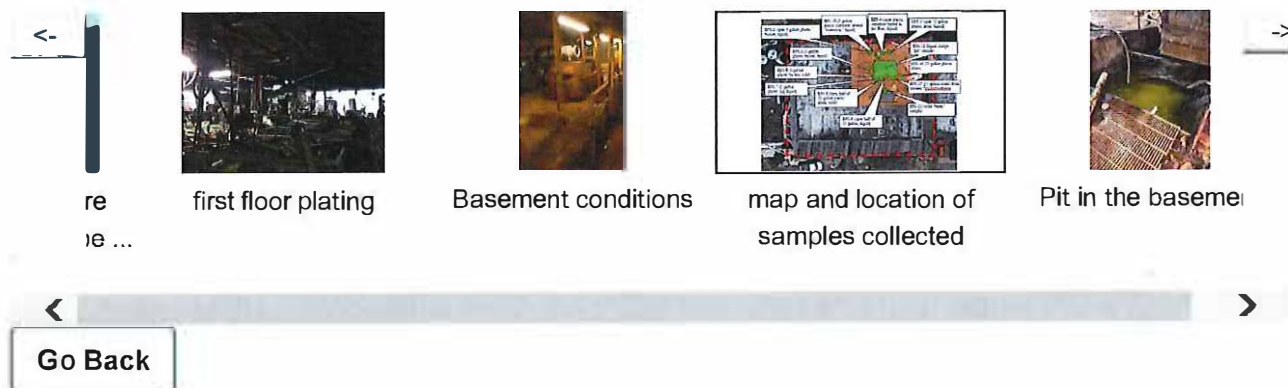
**Date Taken:** 12/30/2017

**Category:** Site Photo

**Latitude:**

**Longitude:**

**Tags:**



re  
ie ...

first floor plating

Basement conditions

map and location of  
samples collected

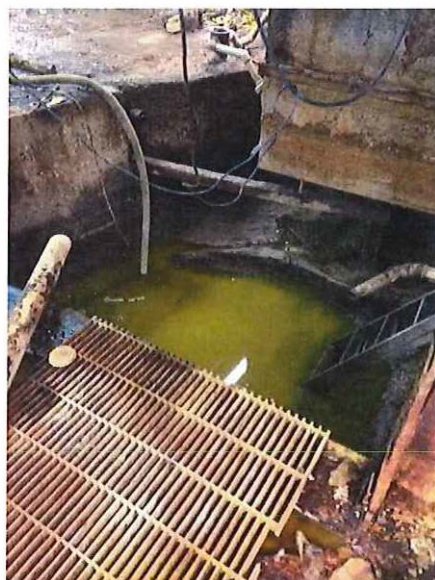
Pit in the baseme

Go Back

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## ELECTRO-PLATING SERVICES



**Description:** Pit in the basement

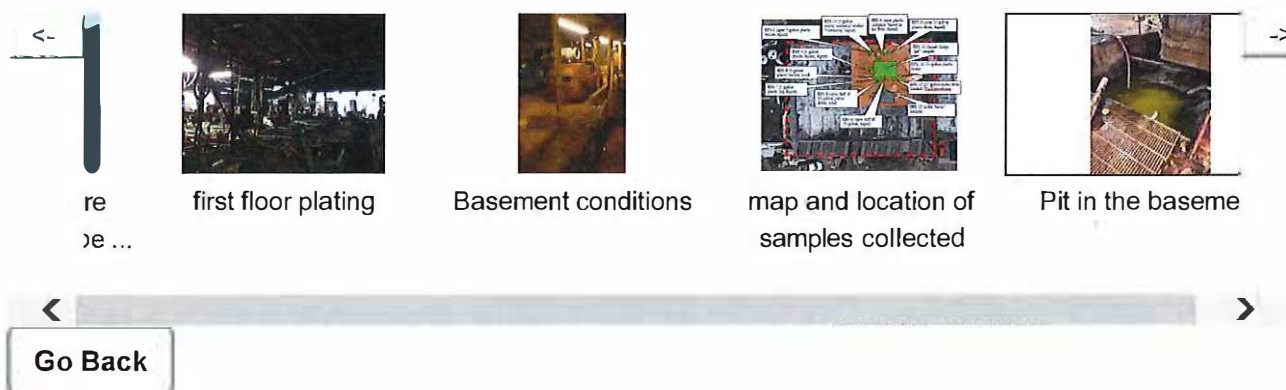
**Date Taken:** 12/30/2017

**Category:** Site Photo

**Latitude:**

**Longitude:**

**Tags:** POLREP28507



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